

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073120\
 Data File : VV017775.D
 Acq On : 31 Jul 2020 15:10
 Operator : SY/MD
 Sample : L3486-03
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y26

Quant Time: Aug 01 04:47:23 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 01 04:42:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	156758	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	149964	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	75544	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	30608	4.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.80%
7) Chloroethane-d5	1.58	69	27285	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.12	63	49397	2.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.80%#
20) 2-Butanone-d5	3.93	46	70462	39.35	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.70%
24) Chloroform-d	4.38	84	75541	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	5.06	65	43826	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.07	84	128025	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.40%
36) 1,2-Dichloropropane-d6	6.09	67	34463	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.00%
41) Toluene-d8	7.34	98	112512	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.00%
45) trans-1,3-Dichloropropene-	7.65	79	15959	3.83	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.60%
48) 2-Hexanone-d5	8.11	63	43701	33.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	67.72%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	23923	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
65) 1,2-Dichlorobenzene-d4	11.65	152	51097	4.47	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.40%

Target Compounds

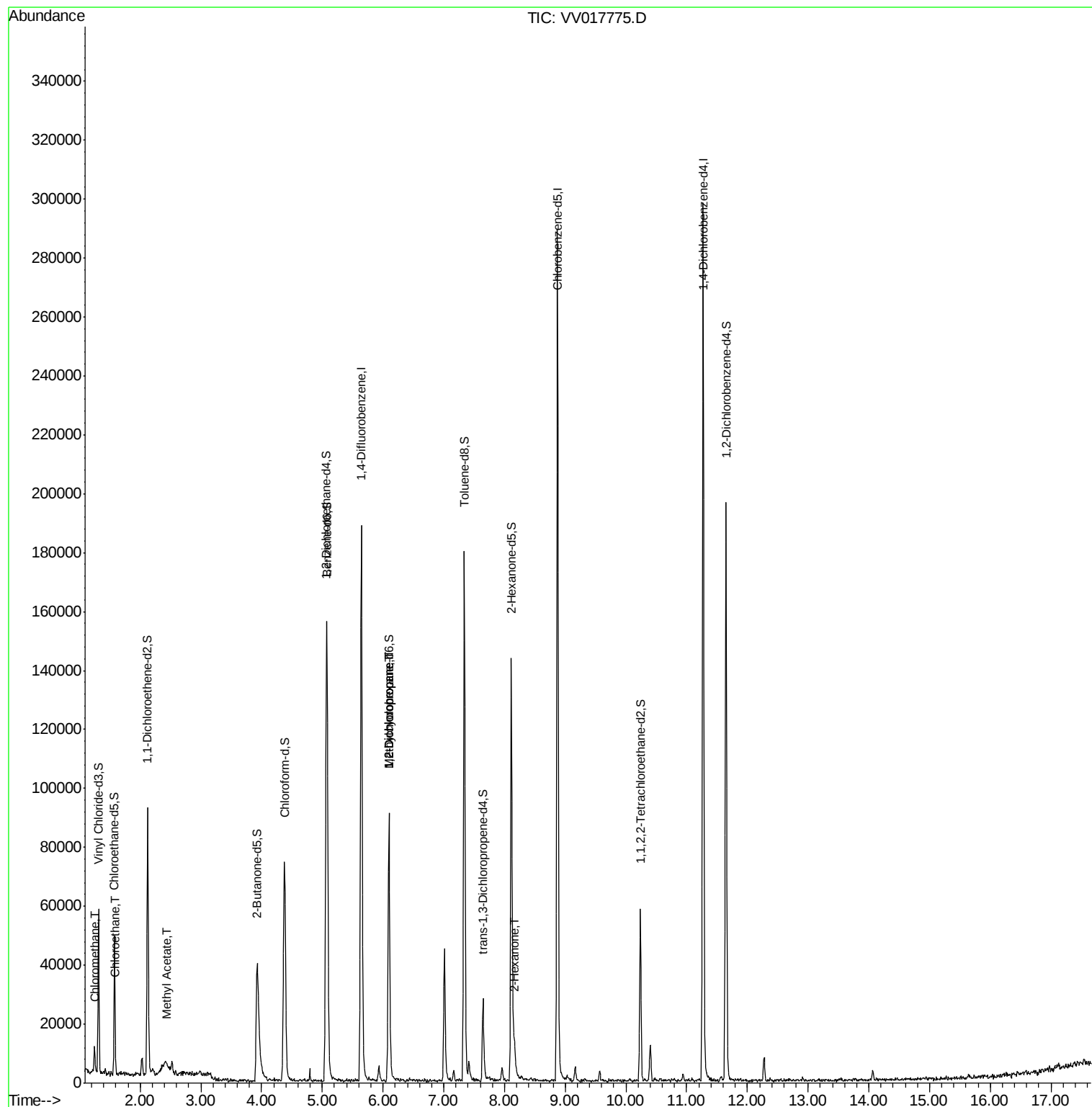
					Ovalue
3) Chloromethane	1.25	50	4778	0.428 ug/L	99
8) Chloroethane	1.60	64	509	0.079 ug/L	85
15) Methyl Acetate	2.44	43	597	0.219 ug/L #	41
35) Methylcyclohexane	6.09	83	10811	0.603 ug/L #	18
37) 1,2-Dichloropropane	6.10	63	5286	0.530 ug/L #	84
50) 2-Hexanone	8.16	43	5380	1.390 ug/L #	88

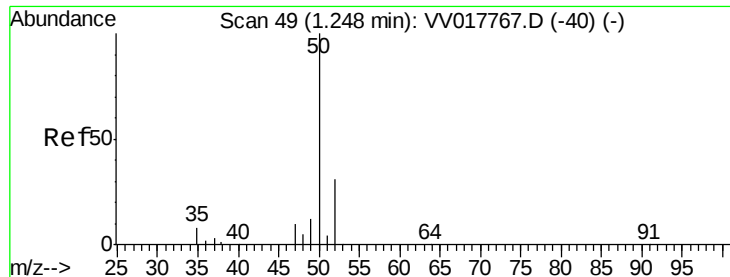
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.428 ug/L

RT: 1.25 min Scan# 49

Delta R.T. 0.00 min

Lab File: VV017775.D

Acq: 31 Jul 2020 15:10

Instrument :

MSVOA_V

ClientSampleId :

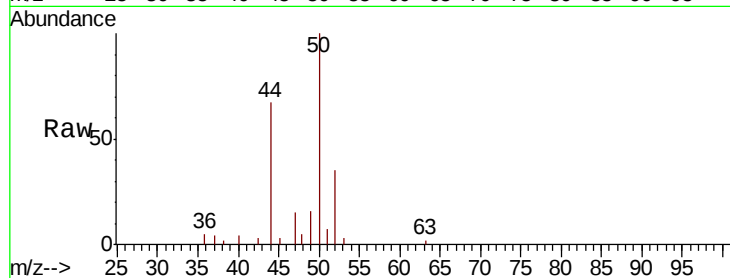
C0Y26

Tot Ion: 50 Resp: 4778

Ion Ratio Lower Upper

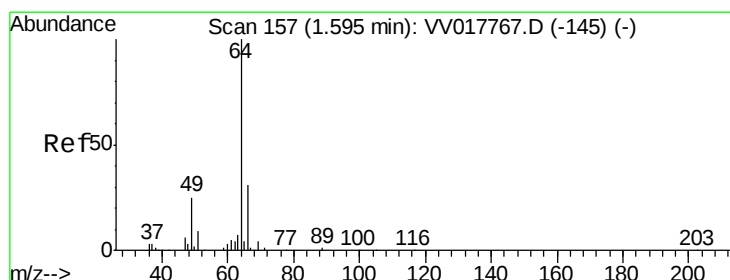
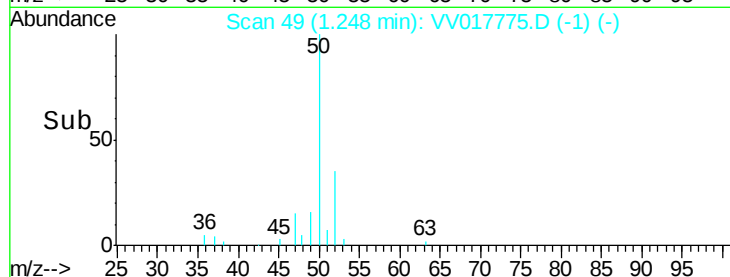
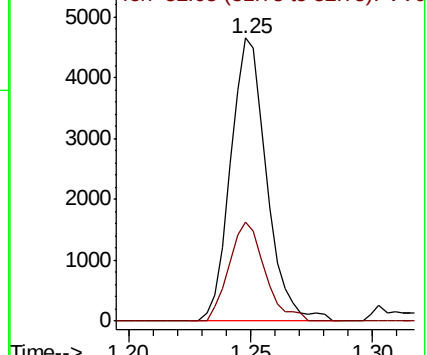
50 100

52 35.1 25.1 46.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 0.079 ug/L

RT: 1.60 min Scan# 158

Delta R.T. 0.00 min

Lab File: VV017775.D

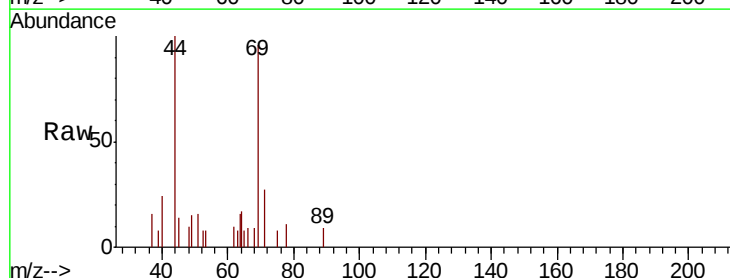
Acq: 31 Jul 2020 15:10

Tgt Ion: 64 Resp: 509

Ion Ratio Lower Upper

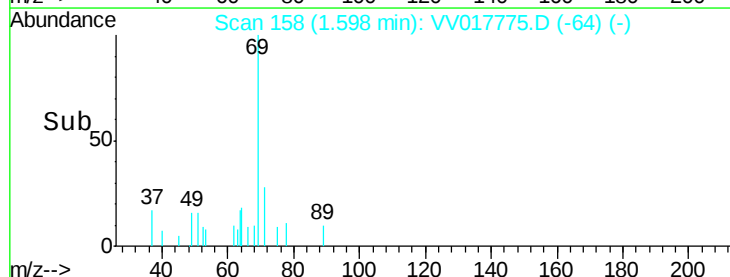
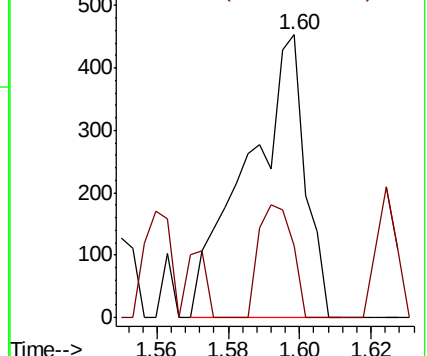
64 100

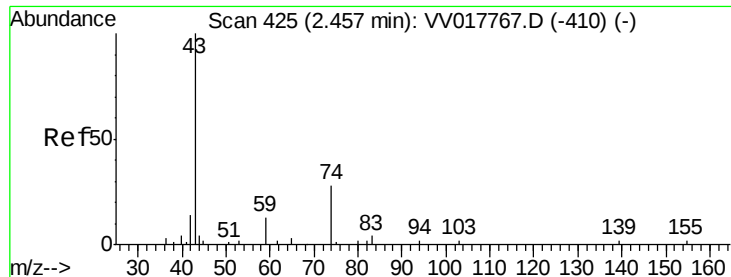
66 25.4 24.0 44.6



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0

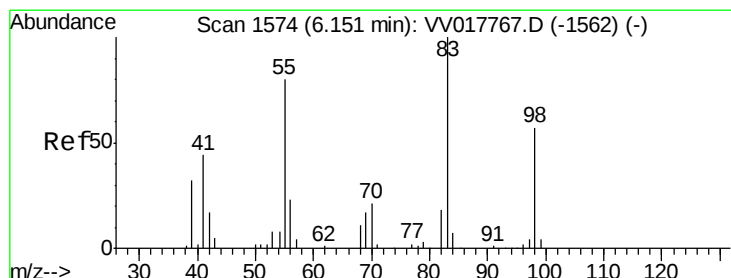
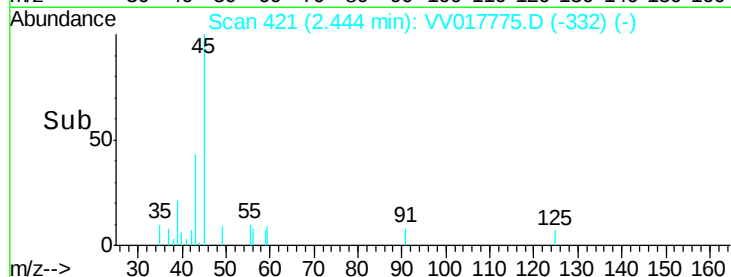
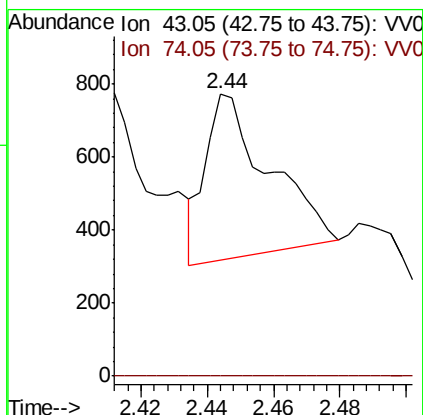
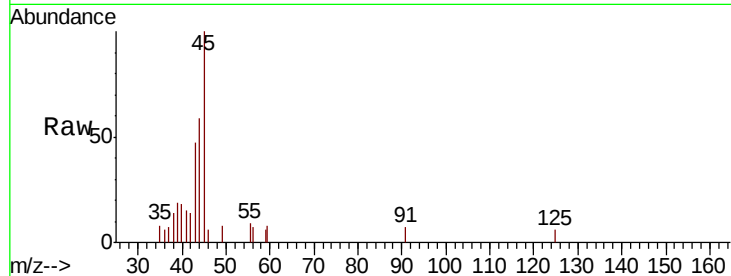




#15
Methvl Acetate
Concen: 0.219 ug/L
RT: 2.44 min Scan# 421
Delta R.T. -0.01 min
Lab File: VV017775.D
Acq: 31 Jul 2020 15:10

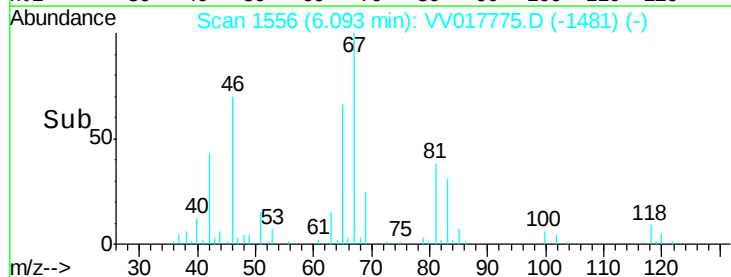
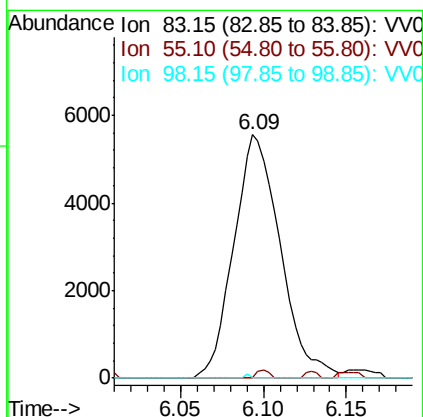
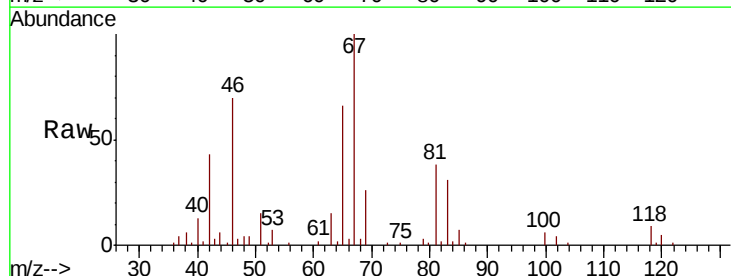
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ClientSampled :
C0Y26

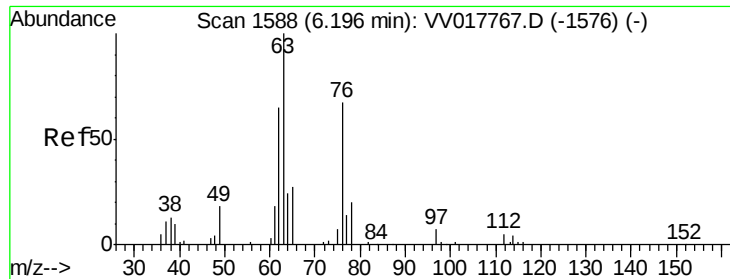
Tot Ion: 43 Resp: 597
Ion Ratio Lower Upper
43 100
74 0.0 26.6 40.0#



#35
Methylcyclohexane
Concen: 0.603 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017775.D
Acq: 31 Jul 2020 15:10

Tgt Ion: 83 Resp: 10811
Ion Ratio Lower Upper
83 100
55 0.8 61.8 92.8#
98 0.2 39.0 58.6#

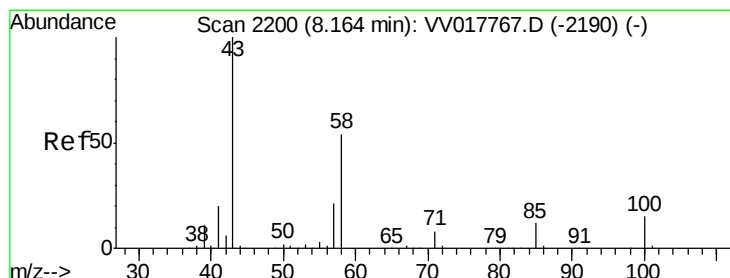
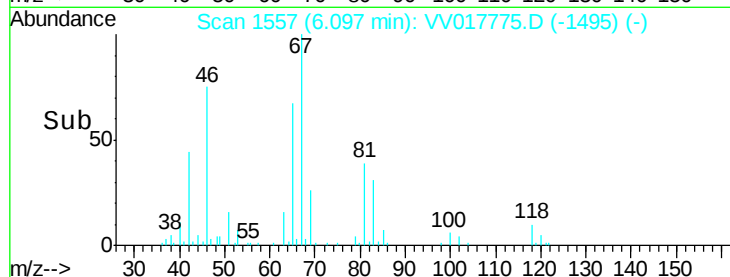
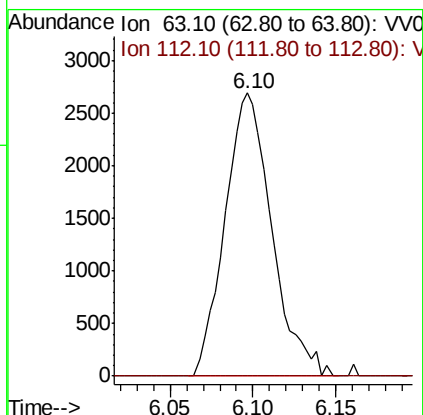
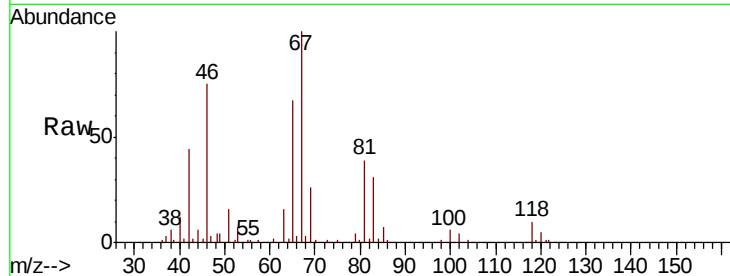




#37
 1,2-Dichloropropane
 Concen: 0.530 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV017775.D
 Acq: 31 Jul 2020 15:10

Instrument :
 MSVOA_V
 ClientSampleId :
 C0Y26

Tot Ion: 63 Resp: 5286
 Ion Ratio Lower Upper
 63 100
 112 0.4 4.5 6.7#



#50
 2-Hexanone
 Concen: 1.390 ug/L
 RT: 8.16 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: VV017775.D
 Acq: 31 Jul 2020 15:10

Tgt Ion: 43 Resp: 5380
 Ion Ratio Lower Upper
 43 100
 58 46.7 41.6 62.4
 57 5.1 15.4 23.0#
 100 14.5 11.2 16.8

